

ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

Title of Invention	Heat sink fan																																																																						
Submission Type :	Utility Patent Filing																																																																						
Application Number:	10/604473																																																																						
EFS ID:	44106																																																																						
Server Response:	<table border="1"><thead><tr><th>Confirmation Code</th><th>Message</th></tr></thead><tbody><tr><td>ISVR1</td><td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td></tr><tr><td>ICON1</td><td>1472</td></tr><tr><td>IGEN77</td><td>Filename= ND-US030449-usfees.xml BusinessRule= The access code is not included which allows for automated processing to the deposit account.</td></tr><tr><td>WGEN24</td><td>Filename= all XMLs having <invention-title> BusinessRule= Common elements across multiple XML documents within the submission package do not have synchronized data content. #Supporting Msg:<invention-title> not the same or having font format.</td></tr></tbody></table>			Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	1472	IGEN77	Filename= ND-US030449-usfees.xml BusinessRule= The access code is not included which allows for automated processing to the deposit account.	WGEN24	Filename= all XMLs having <invention-title> BusinessRule= Common elements across multiple XML documents within the submission package do not have synchronized data content. #Supporting Msg:<invention-title> not the same or having font format.																																																										
Confirmation Code	Message																																																																						
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application																																																																						
ICON1	1472																																																																						
IGEN77	Filename= ND-US030449-usfees.xml BusinessRule= The access code is not included which allows for automated processing to the deposit account.																																																																						
WGEN24	Filename= all XMLs having <invention-title> BusinessRule= Common elements across multiple XML documents within the submission package do not have synchronized data content. #Supporting Msg:<invention-title> not the same or having font format.																																																																						
First Named Applicant:	Takaya Otsuki																																																																						
Attorney Docket Number:	ND-US030449																																																																						
Timestamp:	2003-07-24 01:57:44 EDT																																																																						
From:	US																																																																						
File Listing:	<table border="1"><thead><tr><th>Doc. Name</th><th>File Name</th><th>Size (Bytes)</th><th>Date Produced (yyyymmdd)</th></tr></thead><tbody><tr><td>us-fee-sheet</td><td>ND-US030449-usfees.xml</td><td>1806</td><td>2003-07-24</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.xls</td><td>24912</td><td>2003-07-24</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.dfd</td><td>10901</td><td>2003-07-24</td></tr><tr><td>us-assignment</td><td>ND-US030449-usassn.xml</td><td>1959</td><td>2003-07-24</td></tr><tr><td>us-assignment</td><td>us-assignment.xls</td><td>8983</td><td>2003-07-24</td></tr><tr><td>us-assignment</td><td>us-assignment.dfd</td><td>10898</td><td>2003-07-24</td></tr><tr><td>us-assignment</td><td>assign.tif</td><td>101728</td><td>2003-07-24</td></tr><tr><td>us-request</td><td>ND-US030449-usreq.xml</td><td>3236</td><td>2003-07-24</td></tr><tr><td>us-request</td><td>us-request.dfd</td><td>19064</td><td>2003-07-24</td></tr><tr><td>us-request</td><td>us-request.xls</td><td>33300</td><td>2003-07-24</td></tr><tr><td>application-body</td><td>spec-trans.xml</td><td>27792</td><td>2003-07-24</td></tr><tr><td>application-body</td><td>us-application-body.xls</td><td>83497</td><td>2003-07-24</td></tr><tr><td>application-body</td><td>application-body.dfd</td><td>49498</td><td>2003-07-24</td></tr><tr><td>application-body</td><td>wipo.ent</td><td>4956</td><td>2003-07-24</td></tr><tr><td>application-body</td><td>mathml2.dfd</td><td>54588</td><td>2003-07-24</td></tr><tr><td>application-body</td><td>mathml2-qname-1.mod</td><td>13225</td><td>2003-07-24</td></tr></tbody></table>			Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)	us-fee-sheet	ND-US030449-usfees.xml	1806	2003-07-24	us-fee-sheet	us-fee-sheet.xls	24912	2003-07-24	us-fee-sheet	us-fee-sheet.dfd	10901	2003-07-24	us-assignment	ND-US030449-usassn.xml	1959	2003-07-24	us-assignment	us-assignment.xls	8983	2003-07-24	us-assignment	us-assignment.dfd	10898	2003-07-24	us-assignment	assign.tif	101728	2003-07-24	us-request	ND-US030449-usreq.xml	3236	2003-07-24	us-request	us-request.dfd	19064	2003-07-24	us-request	us-request.xls	33300	2003-07-24	application-body	spec-trans.xml	27792	2003-07-24	application-body	us-application-body.xls	83497	2003-07-24	application-body	application-body.dfd	49498	2003-07-24	application-body	wipo.ent	4956	2003-07-24	application-body	mathml2.dfd	54588	2003-07-24	application-body	mathml2-qname-1.mod	13225	2003-07-24
Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)																																																																				
us-fee-sheet	ND-US030449-usfees.xml	1806	2003-07-24																																																																				
us-fee-sheet	us-fee-sheet.xls	24912	2003-07-24																																																																				
us-fee-sheet	us-fee-sheet.dfd	10901	2003-07-24																																																																				
us-assignment	ND-US030449-usassn.xml	1959	2003-07-24																																																																				
us-assignment	us-assignment.xls	8983	2003-07-24																																																																				
us-assignment	us-assignment.dfd	10898	2003-07-24																																																																				
us-assignment	assign.tif	101728	2003-07-24																																																																				
us-request	ND-US030449-usreq.xml	3236	2003-07-24																																																																				
us-request	us-request.dfd	19064	2003-07-24																																																																				
us-request	us-request.xls	33300	2003-07-24																																																																				
application-body	spec-trans.xml	27792	2003-07-24																																																																				
application-body	us-application-body.xls	83497	2003-07-24																																																																				
application-body	application-body.dfd	49498	2003-07-24																																																																				
application-body	wipo.ent	4956	2003-07-24																																																																				
application-body	mathml2.dfd	54588	2003-07-24																																																																				
application-body	mathml2-qname-1.mod	13225	2003-07-24																																																																				

Doc. Name	File Name	Size (Bytes)	Date Produced (yyyyymmdd)
application-body	soamsa.ent	5191	2003-07-24
application-body	soamsb.ent	3988	2003-07-24
application-body	soamsc.ent	1460	2003-07-24
application-body	soamsn.ent	5620	2003-07-24
application-body	soamso.ent	1934	2003-07-24
application-body	soamsr.ent	7073	2003-07-24
application-body	sogrk3.ent	3559	2003-07-24
application-body	somfrk.ent	4553	2003-07-24
application-body	somopf.ent	2571	2003-07-24
application-body	somscr.ent	4628	2003-07-24
application-body	sotech.ent	5268	2003-07-24
application-body	sobox.ent	3568	2003-07-24
application-body	socyr1.ent	5345	2003-07-24
application-body	socyr2.ent	2504	2003-07-24
application-body	sodia.ent	1508	2003-07-24
application-body	solat1.ent	5282	2003-07-24
application-body	solat2.ent	9007	2003-07-24
application-body	sonum.ent	5913	2003-07-24
application-body	sopub.ent	6621	2003-07-24
application-body	mmlextra.ent	7901	2003-07-24
application-body	mmalias.ent	38209	2003-07-24
application-body	soextbx.dfd	12870	2003-07-24
application-body	fig1.tif	48800	2003-07-24
application-body	fig2.tif	14436	2003-07-24
application-body	fig3.tif	46744	2003-07-24
application-body	fig4.tif	69720	2003-07-24
application-body	fig5.tif	39412	2003-07-24
us-declaration	dec3.tif	65140	2003-07-24
us-declaration	dec4.tif	23080	2003-07-24
us-declaration	dec1.tif	76752	2003-07-24
us-declaration	dec2.tif	90308	2003-07-24
package-data	ND-US030449-pkda.xml	8303	2003-07-24
package-data	package-data.dtd	27025	2003-07-24
package-data	us-package-data.xls	19263	2003-07-24

Total files size 1123899

Message Digest:

616d020e97fd68a6a06e7f799232e7af15ced

Digital Certificate Holder
Name:

cn=Steven John
Roberts,ou=Registered
Attorneys,ou=Patent and
Trademark
Office,ou=Department of
Commerce,o=U.S.
Government,c=US